

Date: Wed, 31 Mar 93 09:32:03 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #399
To: Info-Hams

Info-Hams Digest Wed, 31 Mar 93 Volume 93 : Issue 399

Today's Topics:

1st Amendment rights & Ham Radio. (was: Another 3rd Party Question)
 2m antenna for minivan: Recommendations?
 2 meter phone calls?
 How to charge Gel-Cells
 Need CT3DZ QSL info
 Q values.
 RFD
 Simplex autopach
UHF broadcasting. (was: DESPERATE...NEED TO KNOW FACTS CONCERN)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 31 Mar 1993 09:05:52 GMT
From: usc!wupost!emory!kd4nc!ke4zv!gary@network.UCSD.EDU
Subject: 1st Amendment rights & Ham Radio. (was: Another 3rd Party Question)
To: info-hams@ucsd.edu

In article <1993Mar30.105444.19849@hemlock.cray.com> dadams@cray.com writes:
>

>Well, it seems to me that if the First Ammendment has anything to do with amateur
>radio, that it ought to protect the right to discuss political information. We
>don't have that right necessarily, so I'd guess the First Amendment must be kinda
>weak here?

>BTW, how strongly do the rules against discussing politics apply? I notice that
>Ham radio operators are largely responsible for getting information out of
Bosnia.

>So what determines when it is ok to discuss the affairs of the war in Bosnia and
>what is happening over there with Bosnian hams, and when it is not ok?

There are no US rules against discussing politics on ham radio. The *ARRL* discourages you from discussing controversial issues on ham radio, but that's just because they're a bunch of old fogeys who don't want flame wars to erupt on the bands. :-)

Amateurs in other countries may have limitations placed on what they can say, but we don't. There are two exceptions. We can't solicit funds, such as the infamous 900 number packet bulletin did, and we can't transmit obscenities in expressing our true feelings toward the government, or anyone else. Otherwise the First Amendment applies.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: 31 Mar 93 12:41:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: 2m antenna for minivan: Recommendations?
To: info-hams@ucsd.edu

I had the same reaction when we bought our new Voyager. I finally purchased a Larsen dual-band antenna (2/440) and an "L" bracket, which I installed on the drivers-side fender (you open the front hood, and drill three small holes in the side of the fender, facing the hood. When the hood is closed, it completely covers the holes. The "L" bracket mounts to these holes, and comes out so that the top of the "L" is over the fender. The NMO mount is actually affixed to the top of the "L".

This setup has worked very well for four years. When we get rid of the van I'll just pull the L bracket off, and replace the four screws.

GL es 73! Tom N9CGD

Date: Wed, 31 Mar 1993 08:43:49 GMT
From: usc!wupost!emory!kd4nc!ke4zv!gary@network.UCSD.EDU
Subject: 2 meter phone calls?
To: info-hams@ucsd.edu

In article <1993Mar30.154403.29055@cbnews1.cb.att.com> spf@cbnews1.cb.att.com
(Steve Frysinger of Blue Feather Farm) writes:

>
>I thought autopatch could only be used for emergency purposes (and not to
>avoid costs), when it is not possible to get to a pay phone. Judging by
>your comments above, it would be "legal" to autopatch home to tell my
>family I'm stuck in traffic and to start dinner without me. Is this
>correct?

Correct. But if the wife asks you to stop and pick up a loaf of bread,
or tells you the boss just called, you've stepped over the line. Treaty
language says that the communications has to be so unimportant that a
reasonable person wouldn't resort to the normal telephone network to
complete it. My personal opinion is that if it's that unimportant, the
call shouldn't be made.

My pet peeve is the guys who break into a conversation so they can use
the patch to tell their wives they're on the way home from the office
when they just left a place with hundreds of telephones.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: 31 Mar 93 14:13:02 GMT
From: infonode!naomi!ljbartel@uunet.uu.net
Subject: How to charge Gel-Cells
To: info-hams@ucsd.edu

In article <+uiGs*5K1@lemsys.UUCP>, clemon@lemsys.UUCP (Craig Lemon VE3XCL)
writes:

|> Hello all, there is a possibility that I may come into possession
|> of some _large_ gel cells (ie. in the order of a large lead-acid car battery
|> in capacity) and I was wondering how gel-cells are charged... I know that
|> NiCd (and NiMH I think) are charged by constant current, and that lead-acid
|> types are charged by constant voltage. Are gel-cells also charged by
|> constant voltage but have an upper limit on the charging current due to the
|> gelled electrolyte? Can I get away with charging this on a relatively
|> low-current lead-acid charger (10A)? What I would really appreciate is
|> someone who could give me charging parameters in terms of C, the battery's
|> capacity.

Cheers

David

Date: 31 Mar 93 12:23:31 GMT
From: news-mail-gateway@ucsd.edu
Subject: RFD
To: info-hams@ucsd.edu

This may sound flippant but why not change

rec.radio.amateur.misc

to

rec.radio.amateur.flame

73 -- marty -- nr3z

Date: 31 Mar 93 15:37:31 GMT
From: news-mail-gateway@ucsd.edu
Subject: Simplex autopatch
To: info-hams@ucsd.edu

Received: from rigel.mc.xerox.com (rigel.eso.mc.Xerox.COM) by zombi
(4.1/SMI-4.1) id AA00228; Wed, 31 Mar 93 10:37:25 EST

I have a simplex autopatch and I can tell you it's better than nothing but worse than the full duplex ones. By that, I mean that it does work and you can get your emergency messages across but to use it successfully requires that the party on the other end understand the "one-person-at-a-time" method of talking. With an experienced user of the simplex autopatch it's dependable and works well. With someone who's never used a simplex autopatch it takes some repeating of messages.

I use the Hamtronics kits connected to my Yeasu 736R. The autopatch boards are mounted inside the Yeasu external speaker box and plug to the CAT wiring. A bit of redesign was required on the simplex timing board to make it work on this radio. The 555 timer needed to be wired astable instead of monostable and the 10 minute ID'er timer needed to be connected as a 10 minute

max-timeout.

I was very pleased with the Hamtronics kit because the manual was complete with theory of operation (just like 'ol Heathkit) and redesign was straight forward with no extra parts to buy.

=Mark=

N2RPZ

phillips.henr801c@xerox.com

Date: Wed, 31 Mar 1993 08:58:28 GMT
From: usc!wupost!emory!kd4nc!ke4zv!gary@network.UCSD.EDU
Subject: UHF broadcasting. (was: DESPERATE...NEED TO KNOW FACTS CONCERN)
To: info-hams@ucsd.edu

In article <1993Mar30.100221.16280@hemlock.cray.com> dadams@cray.com writes:
>In article 1p7gv6INN7gk@bashful.isi.com, jerry@isi.com (Jerry Gardner x323) writes:

>|
>|In fact, if I wanted to, I could buy a 1 million watt UHF television
>|transmitter. I wouldn't be able to use it, of course.
>|
>
>But then what does it take to get the appropriate license?

You first have to get a vacant channel assigned to the community. That is an FCC major action. Due to the distance separation rules, and the forbidden channel rules, this is hard to do in most areas. Then you file in competition with other interests for the privilege of using that channel. You have to show financial ability to operate the station for the license period. You have to show that your proposed operation is in the public interest and necessity. And you must operate a full schedule. The FCC will make a decision among the competing filers and issue the winner a construction permit. You then have 1 year to get the station on the air and operating in the manner you proposed. At that time another hearing is held to determine if you are serving the public convenience and necessity. If there is a positive finding, you are issued a 3 year license. There are filing fees at each step, and you really must have a communications lawyer certified to practice before the FCC to carry this out. Figure on spending at least \$100,000 to get the construction permit, and \$15 to \$50 million to get the station on the air and operational for the license period.

LPTV is a bit different. The FCC held a lottery to assign the LPTV channels. The lottery winners were mostly major organizations, or speculators. Many never intend to put a station on the air. You can purchase the license from one of these, a relatively minor transfer

filing with the FCC is required, and then you can be on the air with 10 watts VHF or 3 kW UHF. LPTV channels are going for \$10,000 to \$1 million depending on the community. If someone files for a major station on your channel, you're bumped out.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Wed, 31 Mar 1993 13:31:38 GMT
From: usc!wupost!darwin.sura.net!sgiblab!sgigate!odin!chuck.dallas.sgi.com!
adams@network.UCSD.EDU
To: info-hams@ucsd.edu

References <12182@news.duke.edu>, <103360164@hpfco.FC.HP.COM>,
<C4pux7.11n@pacifier.rain.com>.com
Subject : Re: "CB transplants"

In article <C4pux7.11n@pacifier.rain.com>, mikef@pacifier.rain.com (Mike Freeman) writes:

|> In article <103360164@hpfco.FC.HP.COM> wells@hpfco.FC.HP.COM (John Wells) writes:

|> >

|> >It seems that the frequency that worked the best for all of us was dead center
|> >in the 49 meter broadcast band.

|> >

|> Is this for real? Methinks someone's pulling my leg but the
|> rig setup sounded so accurate and familiar that I cannot tell!

|>

|> On the other hand, my teenybopper friends and I used to see
|> what sort of DX we could work using light bulbs transmitting on
|> 40 meters AM (1963). In those days, SSB stayed between
|> 7200 kHz and 7250 kHz thru gentleman's agreement (wouldn't work
|> now -- no gentlemen left! :-)). Had an old DX-100 which I pushed
|> to the max. We worked several miles with those light bulbs!

|> --

> Mike Freeman <K7UIJ>		Internet: mikef@pacifier.rain.com
> 301 N.E. 107th Street		UUCP: uunet!m2xenix!nipple!pacifier!mikef
> Vancouver, WA 98685 USA		GEnie: M.FREEMAN11
> TElephone (206)574-8221		Pushing 40 is exercise enough!

Mike,

you win. best i could do was 6 blocks (~0.5miles) with KWM-2a with Heathkit K antenna in 1961 on 40 meters. was tuning up on the dummy load, something else a lot of people need to learn today - it's a lost art, and heard a local YL call CQ. surprised when she came back.

serial #300 on the KWM-2A owned by my dad, W5NNB. i had the Apache es NC-300. don't trust a rig you can lift!!!

: -)

73 de k5fo chuck

Date: Wed, 31 Mar 1993 14:36:11 GMT
From: haven.umd.edu!darwin.sura.net!gatech!concert!rock!cole@ames.arpa
To: info-hams@ucsd.edu

References <19930324.184129.81@almaden.ibm.com>,
<1993Mar25.222106.18421@gsm001.mendelson.com>,
<1993Mar29.215652.25528@ve6mgs.ampr.org>
Subject : Re: RFD: reorganization of rec.radio.amateur

In article <1993Mar29.215652.25528@ve6mgs.ampr.org> mark@ve6mgs.ampr.org (Mark G. Salyzyn) writes:

>

>I'll lay odds that .space, .tech, .swap, .digital.misc and .digital.tcp-ip
>will have little overlap ... and what is bad about overlap! it's certainly
>not worse than sitting down once every couple of days to weed through >250
>articles in one group with more than 2000 different individuals posting (see
>Hams on USENET List). Sort of like when my kid comes to me telling me all
>this cool stuff he learned today only to watch my head explode!

>

>Ciao, 73 de VE6MGS/Mark -sk-

Get a threaded newsreader. It takes me 5 minutes to "weed through" >250 articles and choose the threads/topics that interest me.

73 de KC4WEJ,
Derrick

--

"Four Greenpeace activists climbed the Sears Tower to mark the 50th anniversary of the first controlled nuclear chain reaction."

-- Yup, sounds like the thing to do on such an occasion

Date: (null)
From: (null)
float charge 2.28 - 2.32 volts/cell .2C continuous
normal charge 2.5 - 2.55 volts/cell .5C 10 - 24 hours

Date: Wed, 31 Mar 1993 15:03:06 GMT
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!att-out!cbnews1!
rlt@network.UCSD.EDU
To: info-hams@ucsd.edu

References <jfhC4onx8.4I4@netcom.com>, <C4pH5D.Gr2@hpuerca.atl.hp.com>,
<jfhC4pp4z.5sM@netcom.com>r
Subject : Re: ARRL living in the past? (was Re: motive ...)

In article <jfhC4pp4z.5sM@netcom.com> jfh@netcom.com (Jack Hamilton) writes:

>I wasn't clear about my objection at all. Women are certainly noticeable
>in both QST and the reports of ARRL that appear in QST. My objection is
>more to the style - there's a feeling of "Look! We have women in the
>organization!", as opposed to just reporting on what they do in the same
>way men are reported on.

Just MHO, but I can see a couple of ways that could be interpreted. It
could be:

"Look! We have women in the organization! (See how open-minded and tolerant
we are to allow these token females to take part!)"

Or:

"Look! We have women in the organization! (This is no longer a hobby for
men only. Lots of women are active hams these days. Ham radio is for
everyone, and you don't need to be intimidated if you don't fit the old
stereotypes.)"

Being the eternal optimist, I choose to believe that it is the latter
message that ARRL wishes to convey...

73,

Roberta, AA2KZ

Date: Wed, 31 Mar 1993 14:44:51 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!mixcom.com!
mei.mon@network.UCSD.EDU
To: info-hams@ucsd.edu

References <12182@news.duke.edu>, <1p0021INNk88@chnews.intel.com>,
<C4MsHH.Mz7@odin.corp.sgi.com>on
Subject : Re: "CB transplants"

>Okay, here's a little quiz. How many of you *never* used a CB before
>becoming a ham?

>

>The rest of you, hang your heads in shame; you're "CB transplants."

I got my first short wave radio when I was 10 years old (I'm now 36).
I never heard of HAM or CB prior to getting the radio. I did a lot
of listening to the HAM bands. Nothing but garbage on C.B. ;-) I
have never had a mike in my hand connected to anything but a ham rig!
Unfortunately, I never had the time to pursue amateur radio until
recently. Got the ticket about 3 weeks ago! (Exactly eight weeks
from test to ticket-in-hand, for those of you still patiently waiting.)

Regarding "CB transplants" and "hanging their heads in shame": if someone
wants to "better themselves" ;-), that's fine with me. As long as
they don't bring any of that CB lingo/mentality along with them.

Anyway, 73 and a BIG 10-4 to you all! ;-)

Kevin Jessup, N9SQB

Temporarily using our companies corporate account. Many other
individuals use it as well. Please state in any E-mail follow-ups
that the mail is intended for me so as to avoid confusion. Thanks.

Marquette Electronics, Inc. account information follows...

--

mei.mon@mixcom.com

Date: Wed, 31 Mar 1993 14:31:02 GMT
From: usc!zaphod.mps.ohio-state.edu!swrinde!gatech!concert!rock!
cole@network.UCSD.EDU
To: info-hams@ucsd.edu

References <19930324.184129.81@almaden.ibm.com>,
<1993Mar25.222106.18421@gsm001.mendelson.com>, <C4nvLD.MBF@pacifier.rain.com>)

Subject : Re: RFD: reorganization of rec.radio.amateur

In article <C4nvLD.MBF@pacifier.rain.com> mikef@pacifier.rain.com (Mike Freeman) writes:

>In article <1993Mar25.222106.18421@gsm001.mendelson.com>
gsm1rn@gsm001.mendelson.com (Geoffrey S. Mendelson) writes:

>>In article <19930324.184129.81@almaden.ibm.com> enge@almaden.ibm.com writes:
>>>Unfortunately, every time we split this thing up:

>>>

>>> 1) I get to see more copies of the same message as it is posted to
>>> multiple groups.

>>

>>I'll second that. Now that misc.forsale is split up we get the same post
>>to misc.forsale, m.f.computers, m.f.computers.pc, m.f.c.pc, m.f.c.workstation
>>ad nauseum. It would be better just to live with it instead of having
>>the same article cloned too many times.

>>

>I'll third that. rec.radio.amateur.misc *does* have too much traffic
>but unless history doesn't repeat itself (and I see no evidence
>of this), we'll just see multiple postings and discussions
>breaking out in "...misc" because it'll have a potentially
>larger audience and, as KE4ZV says, hams are broadcasters at
>heart.

>>

>>> 2) Much of the traffic is trying to direct the people to the right
>>> group. The unwanted discussions don't stop anyway.

>>

>>I agree here too. Look at all the wanted postings in misc.forsale.....

>>

>Yup. Besides, I'd wager that there are a goodly number of
>eccentrics on here that would post in "...misc" *because*
>custom said they should post somewhere else {grin}.

>>

>>>My vote is to leave things alone...

>>

>>Me too.

>>

>Me three.

>>

>>Geoff.

>>

>>>Roy, AA4RE

>>

>Mike K7UIJ

Me four. What's the point?

73 de KC4WEJ,

Derrick

P.S. If people used a threaded newreader (like trn), topics of interest could be followed easily, whilst others discarded, all by using the topic id and Shift-D.

--

"Four Greenpeace activists climbed the Sears Tower to mark the 50th anniversary of the first controlled nuclear chain reaction."

-- Yup, sounds like the thing to do on such an occasion

Date: (null)

From: (null)

float charge constant voltage: 2.3 - 2.4 volts/cell constant current: C/500

normal charge constant voltage: 2.4 - 2.5 volts/cell constant current: C/5

- les

--

Les Bartel I'm going to live forever
Intergraph Corporation ... or die trying
Electronics Division
ljbartel@ingr.com
or ljbartel@naomi.b23b.ingr.com
(205) 730-8537

Date: 31 Mar 93 16:40:44 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!concert!
duke!news.duke.edu!ee.egr.duke.edu!jbs@network.UCSD.EDU

To: info-hams@ucsd.edu

References <fritza.733424191@well.sf.ca.us>,

<1993Mar30.154403.29055@cbnewsl.cb.att.com>,

<1993Mar31.084349.9627@ke4zv.uucp>.egr.du

Subject : Re: 2 meter phone calls?

In article <1993Mar31.084349.9627@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman) writes:

>Correct. But if the wife asks you to stop and pick up a loaf of bread,
>or tells you the boss just called, you've stepped over the line.

Boss, yes; bread, no (unless the husband or the wife owns or works at the

bakery). How can asking someone to pick up groceries be construed as conducting business?

-joe

--

You spend the night
Like you were spending a dime

- Lyle Lovett

Date: Wed, 31 Mar 1993 17:20:36 GMT
From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!udel!gvls1!gvlf9-q!
rossi@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1p002lINNk88@chnews.intel.com>, <C4MsHH.Mz7@odin.corp.sgi.com>,
<1993Mar31.144451.2694@mixcom.com>0
Subject : Re: "CB transplants"

>Okay, here's a little quiz. How many of you *never* used a CB before
>becoming a ham?
>
>The rest of you, hang your heads in shame; you're "CB transplants."

Does playing with a pair of 100 mW walkie talkies when I was about 11 years old count? This was around 25 years ago. It didn't last long though. My friend down the street and I both had our NOVICE licenses a year or so later.

That was my only exposure to CB. I don't really think of being a "transplant" but it did start the seed growing towards wanting something better.

Funny note: I introduced my cousin to ham radio about 16 months ago. In just over a year he as gone from no-code to Advanced(+ Extra theory) He will be taking his 20 WPM test any day now. He dabbled with CB a little a few years ago. Anyway, when he first got on the ham bands he was very reluctant to give his exact location. I suddenly realized that this must be a carryover from his CB days since I remember hearing years ago that most CB-ers were very reluctant to give their *real* name or *exact* location on the air. Apparently it was a rough habit to break :-)

He has said several times if it wasn't for the no-code license he probably would have never gotten into ham radio. Hopefully, after his test tomorrow night he will be Extra class.

=====

Pete Rossi - WA3NNA

rossi@VFL.Paramax.COM

Paramax Systems Corporation - a Unisys Company
Valley Forge Engineering Center - Paoli, Pennsylvania

=====

End of Info-Hams Digest V93 #399
